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jug handles

NEW JERSEY
DEPARTMENT OF
TRANSPORTATION

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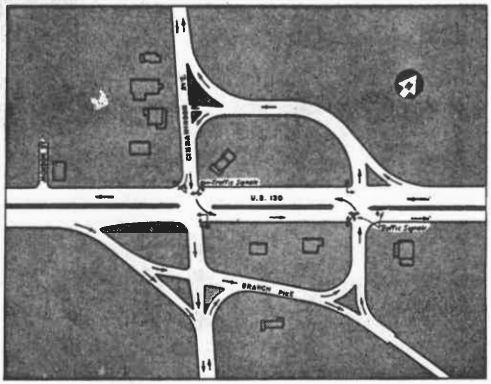

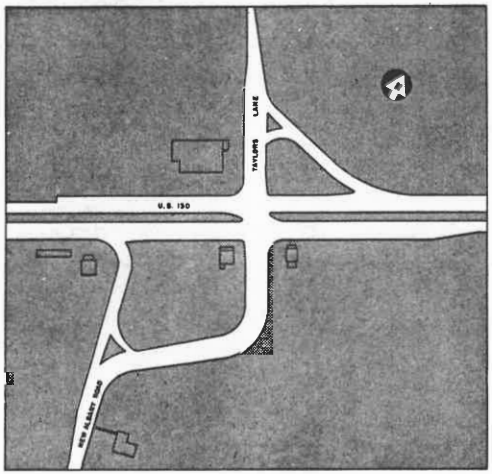

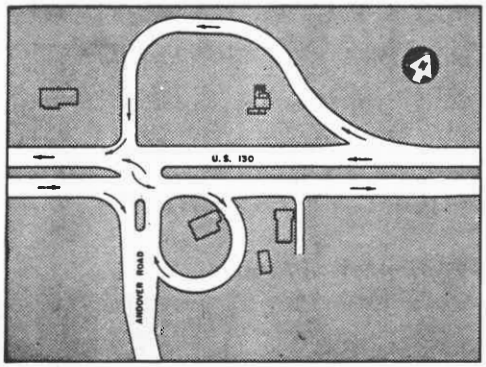

In order to provide maximum safety for drivers using heavily traveled highways in New Jersey, the Transportation Department is continually improving the state highway system. One of the most important devices used is the "jug handle" lane for left and "U" turns.

These lanes take off from the right lane of the highway in advance of a pre-designated "U" turn point, or of an intersection or past the intersection and convey traffic across the main highway---usually under traffic signal control. This movement eliminates all turns from within active traffic lanes and in addition to providing greater safety, reduces traffic delays that turns from active lanes usually create .

The term "jug handle" is derived from the fact that the basic jug handle lane, when looked upon from the air, resembles the shape of a handle on an earthen jug. The three sketches opposite show variations of jug handles, each designed to best serve the particular condition in each location.

A total of 456 jug handle lanes have been constructed under the state highway modernization program, at an estimated average cost of $50,000 each.

SAFETY
CONSTRUCTION
SUMMARY
(1952 to Dec. 15, 1967)

	Completed and Underway
Center Barriers	169 mile
Creeper Lanes	42 units
Jug Handles	456 units
Overpasses	485 units

In addition the Department has a new policy regarding highway shoulders. The three parts of this policy are: (1) 10-foot minimum shoulder width on all new highways. (2) All existing shoulders to be widened to a minmum of 8 feet preferably 10 feet. (3) All existing shoulders to be stabilized to provide a firmer travel surface.

Another very important safety accomplishment has been the painting of reflecting white lines on the outer edges of all the 1,972 miles in the system. These lines are in addition to the normal center line and traffic lane delineations. The outer edge markings have been particularly effective in outlining the road limits to motorists who are forced to travel during periods of heavy fog.

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